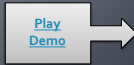


Broadcast Pix - Slate 1000G

The Next Generation for TV Production



Video Switcher

WHO OPERATES THE VIDEO SWITCHER?

Answer:
TECHNICAL DIRECTOR

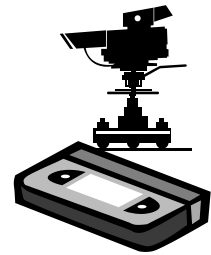
Video Switcher

What is the purpose of the video switcher?

Answer:
To select video sources to be placed LIVE
on tape or air.

Video Sources

- Cameras
- Video Clips
- Digital Stills
- Graphics



Selecting a Video Source

THREE ROW OF BUTTONS TO SELECT AN
IMAGE

KEY BUS:

PROGRAM BUS:

PREVIEW BUS:



Keyers

- THE KEY BUS IS USED FOR SELECTING
THE BACKGROUND SOURCE FOR
CHROMA-KEY



Program



- THE PROGRAM BUS IS USED FOR SELECTING WHAT DIRECTLY GOES TO TAPE OR AIR!



Preview



- THE PREVIEW BUS IS PRESSED PRIOR TO PLACING A VIDEO SOURCE ON THE AIR TO GET IT "READY!"



Switcher Controls

When you launch Broadcast Pix Switcher and a show is loaded (see section 1.11), the switcher controls fill in on the panel as shown below.



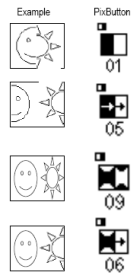
Source Controls To select sources for bringing on-air, as backgrounds or key overlays. And for filling keys and auxiliary outputs.

Transition Controls To change what is on program, with a cut, mix or effect.

Direct Key Controls To manually turn keys On/Off. They also show key status: device, element and tally.

Cool Features – Transition Wipes

- 1. Wipes** Both Images stay in place, and one is wiped over the other.
- 2. Pushed** One or both of the images are moved, as being pushed off-air, or pushed on-air.
- 3. Squeezes** One or both of the images are squeezed from their current position to an edge.
- 4. Combos** The three styles may be combined. For example, Fx 6 squeezes on the foreground, while pushing off the background.



Cool Features – Transition Wipes

5. Gradient Wipes

Gradient wipes have a pattern and enable a soft-edge to be applied, as described in section 4.3.5. Some of the many gradient wipes are:



6. Clock Wipes and Arcs

Many of the wipe patterns are circular clock wipes, which start in one position and then move in a circle. Their icons show a black region where the foreground begins to enter, and then a curved or diagonal arrow with the direction of the clock movement. For example, clock wipe Fx 115 has the following icon, and creates the illustrated effect.



Director Cues

READY CAMERA ONE!
"READY" MEANS THAT IS SELECTED ON THE PREVIEW BUS, BUT NOT PLACED ON AIR

Director Cues

TAKE CAMERA ONE!
"TAKE" IS THE COMMAND TO PRESS CUT TO PLACE CAMERA ONE ON THE AIR.

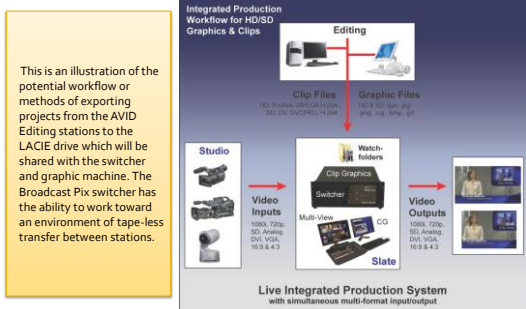
Director Cues

DISSOLVE TO ONE!
"DISSOLVE" IS THE COMMAND TO SELECT MIX AND PRESS AUTO TRANS OR LEVER TO PLACE CAMERA ONE ON THE AIR.

Director Cues

WIPE TO ONE!
"WIPE" IS THE COMMAND TO SELECT WIPE AND PRESS AUTO TRANS OR LEVER TO PLACE CAMERA ONE ON THE AIR.

Work Flow of the Digital Media Lab



Switcher Panel



- Similar to older switcher
- Similar transitions, but more variety
- The unit can key graphics, no longer using the scan converter

Button Explanation

Five Kinds of PixButtons

A total of 26 PixButtons are used in 5 different areas of the Broadcast Pix control panel:

1. 12 in the PixPad To select content within a device, and for modifiers
2. 9 Sources To see what is on each source, and selection without preview
3. 3 Direct Key To see what is in each keyer, and to take it on-air or off
4. 3 Assignable Devices To see what is in each assignable device, and to select it
5. 1 Effects PixButton To see the active effect, and to select the effects controls



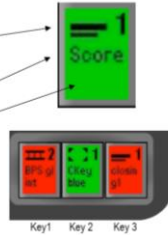
Switcher Controls – Direct Keys

The Direct Key buttons are the three buttons located in the lower right corner of the control panel. They correspond to Key 1, 2 and 3, as shown below. In addition to On/Off functionality, these three buttons provide a handy place to always see key status, including:

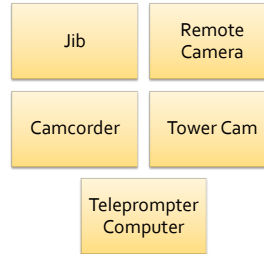
What Device is assigned to this keyer is shown by the icon (e.g. CG Channel 1)

What is the name of the content element currently selected in the device (e.g. Score)

Whether the Key is On Program: Red
On Preview: Orange
Assigned/Selected: Green (in this case)



Video Sources

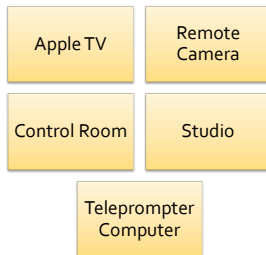


Video Sources include:

Source 1: Camera One
Source 2: Camera Two
Source 3: Camera Three
Source 4: Flexible
Source 5: Clip 1
Source 6: Stills 1
Source 7: CG 1
Source 8: Logo 1
Source 9: Black

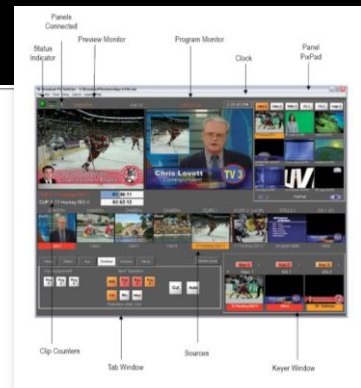
There is NOT a Fade to Black Button!!!

Video Sources – Flex Cam

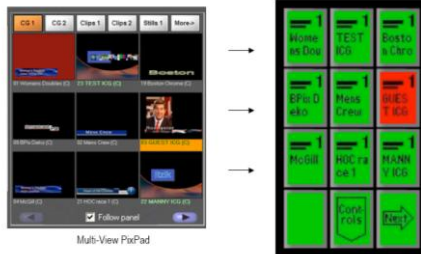


This source is connected to a switcher that can be changed to on the inputs to the left prior to selecting it for air.

Multi-viewer Screen



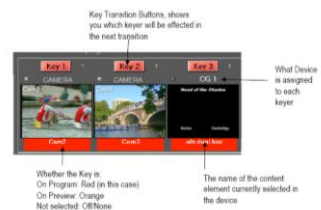
The Pix Pad



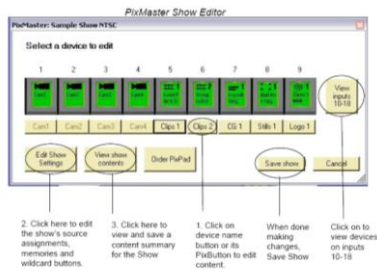
The Keyer Section

2.5.4 Keyer on the Multi-View

The Multi-View shows the contents and status of 3 keyers on the bottom of the screen. Just as with source monitors, a keyer monitor displays the thumbnail of the content that is currently loaded into the keyer as well as the device name, content name and tally status.



The Show Editor



Titlemotion

- 100+ Templates Included
- Blends with video
- Professional Look
- Own Workstation
- Learning Curve... Not going to lie!
- NOT IMPOSSIBLE TO LEARN!!

